

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
**PATENT APPLICATION AND FEE TRANSMITTAL LETTER**

**LONDON, 3 DECEMBER 1999**  
**VIA DHL COURIER for HAND FILING**

Assistant Commissioner for Patents  
Customer Service Center  
Crystal Plaza 2  
Suite No. 1A031  
2011 S. Clark Place  
Arlington, VA 22202

Sir,

The following Utility Patent Application is enclosed for filing under 37 CFR 1.53(b):

Applicants:	Daniel E. AFAR, Rene S. HUBERT, Arthur B. RAITANO, Douglas C. SAFFRAN, Stephen C. MITCHELL
Executed on:	Inventors unavailable for execution at time of filing.
Title:	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF

Enclosed are the following:

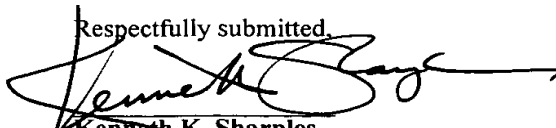
- ☒ Specification - 56 pages.
- ☒ Drawings - 37 sheets.
- ☒ Small Entity Verification.
- ☒ Payment of the Filing Fee - Check in the amount of \$1754.00
- ☒ Return postcard.
- ☒ Duplicate copy of this Transmittal Letter
- ☐ Other -

**FEE CALCULATION**

BASIC FILING FEE [SMALL ENTITY]	\$ 380.00
TOTAL CLAIMS: 47 [27 in excess of 20 X \$9 - SMALL ENTITY]:	\$ 243.00
INDEPENDENT CLAIMS 32 [29 in excess of 3 X \$39 - SMALL ENTITY]:	\$1131.00
<b>TOTAL FILING FEES</b>	<b>\$1754.00</b>

Please direct all correspondence to the attention of: Law Office of Kenneth K. Sharples  
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Respectfully submitted,

  
Kenneth K. Sharples  
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